

REMARKS

The above amendments are made to insert a cross reference to the PCT application upon which the instant U.S. national phase is based, to add an Abstract of the Disclosure and to eliminate multiple dependencies in the claims.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: 

Bryan H. Davidson

Reg. No. 30,251

BHD:Imy

901 North Glebe Road, 11th Floor
Arlington, VA 22203-1808
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

ABSTRACT OF THE DISCLOSURE

The invention relates to a soft and flexible surgical soft tissue mesh comprising polyethylene yarns, wherein the polyethylene yarns have a tensile strength of more than 1.0 Gpa and consist of a polyethylene with a relative viscosity of more than 5 dl/g. A further aspect of the invention is a method of producing a soft and flexible surgical soft tissue mesh comprising polyethylene yarns, wherein yarns are applied that comprise filaments made by: a) spinning at least one filament from a solution of polyethylene with a relative viscosity of more than 5 dl/g in a solvent; b) cooling the filament obtained to form a gel filament; c) removing at least partly the solvent from the gel filament; and d) drawing the filament in at least one drawing step before, during or after removing solvent.